BRUHAT BANGALORE MAHANAGARA PALIKE

Yelahanka Zone, Electrical Division

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule-B"

Name of the Work: Annual Maintenance and repairs to electrical installation at J C Yelahanka Zonal office Building Byatrayanapura in ward no 7

Sl No	Qty	Description Of Work	Unit	Approved Rates	
				In figures	In words
1	1	Licenced electrician wiremen fitter with tools (Skilled) Rs.13365/Person/Month. Rs.13365*12=1,60,380/Person/Year. KAE71LWA 2015 Dated 04-08-2016	Per Person	100000.00	Rupees One Lakhs only
2	1	a).Helper (Electrical) (Semi-Skilled) Rs.11011/Person/Month. Rs.11011*12=132132/Person/Year. KAE71LWA 2015 Dated 04-08-2016	Per Person	80000.00	Rupees Eighty Thousand only
3	1	Annual Maintenance of 180 KVA D.G. Set Existing A.M.C. including of labour charges only for replacing the spare parts and periodically checkup of D.G. AMF panel (Without operator)	Each	75000.00	Rupees Seventy Five Thousand Only
4	1	Supplying & Changing of Alternator AVR.(Automatic Voltage Regulator)	Nos	15000.00	Rupees Fifteen Thousand Only
5	1	Supplying & Changing of Dynamo repair Kit such as Corbons, Bearings & Diode Etc,.	Nos	20000.00	Rupees Twenty Thousand Only
6	2	Supplying of Switch disconnector fuse unit (TPN) HRC type (but without HRC fuses). With AC-23A duty and as per IS-13947. 2) 125Amps	Each	1500.00	Rupees One Thousand Five Hundred Only
7	6	Supplying and fixing HRC fuse link on existing switch fuse base with watt loss as per IS-13703. 3) 125Amps	Each	200.00	Rupees Two Hundred Only
8	8	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply.400mm Sweep	Each	2200.00	Rupees Two Thousand Two Hundred Only
9	19	Supply of 230 V CFL Lamp Holder 2 pin	No	30.00	Rupees Thirty Only
10	15	Point wiring using Copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	Mtr	300.00	Rupees Three Hundred Only
11	95	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -A.1.5 sqmm	Rmt	40.00	Rupees Forty Only
12	95	4)4 sqmm	P/Mtr	40.00	Rupees Forty Only

13	75	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board. GROUP A 6Amps SP Switch	Nos	50.00	Rupees Fifty Only
14	25	6Amps 3 way 5 pin Socket	Nos	100.00	Rupees One Hundred Only
15	15.00	16 Amps SP switch	No	80.00	Rupees Eighty Only
16	15.00	16 Amps 3 way 5 pin socket	No	120.00	Rupees One Hundred and Twenty Only
17	10.00	32 Amps Bakelite DP	No	150.00	Rupees One Hundred and Fifty Only
18	10.00	16/6 Amps combined plug and socket wit control switch	No	350.00	Rupees Three Hundred and Fifty Only
19	60.00	2'/4' - 36/40 Watts Fluorescent Tubes: Supplying and fixing of 36W Fluorescent Tube with 36W power consumption with initial lumen of 2750 (3000 deg K / 4000 deg K) with rated avg life of greater than 10000 hrs.	No	50.00	Rupees Fifty Only
20	19.00	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance)	No	200.00	Rupees Two Hundred Only
21	35.00	Supplying of of 2 pin/4 pin 18W CFL Lamp	No	200.00	Rupees Two Hundred Only
22	15.00	Condenser for ceiling fan/MV/SV/MH and other luminaires Upto 4 mfd	No	150.00	Rupees One Hundred and Fifty Only
23	10.00	Upto 8 mfd	No	200.00	Rupees Two Hundred Only
24	10.00	Stepped Fan Regulator.	Each	250.00	Rupees Two Hundred and Fifty Only
25	30	LED Indoor Supplying of 4' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical conditionLED light fighting 4' - 28 watts	Nos	1500.00	Rupees One Thousand and Five Hundred Only
26	2	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of overload and short circuit with thermal Magnetic/Micro processed release and Earth Fault as per IS-13947. (Icu=Ics). FOUR POLE 6) 125-160Amps 25kA.	Each	4500.00	Rupees Four Thousand and Five Hundred Only
27	1	Supplying, installaion, testing & commis-sioning of 12Volts.. AH batteries in poly propylene container for D.G Sets low maintenance batteries. 4) 150 AH, Acid batteries.	Each	15000.00	Rupees Fifteen Thousand Only

28	2	Supplying and installation of RUBBER MAT 1 mt X 2mt 10 mm thick. PWD Electrical SR 2010-11	Each	2500.00	Rupees Two Thousand and Five Hundred Only
29	5	Supplying and fixing of DANGER/NO ADMISSION/NO SMOKING board made out of MS sheet metal with two coats of non corrosive enameled paint. PWD Electrical SR 2007-08	Each	250.00	Rupees Two Hundred and Fifty Only
30	2	Supplying of Rubber HAND GLOVES of Electrical quality to 22KV. PWD Electrical SR 2007-08	Pair	1000.00	Rupees One Thousand Only
31	6	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C.50 Hz 12/24v D.C.	Each	4500.00	Rupees Four Thousand and Five Hundred Only
32	9	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 11) 95 sq mm long barrel	Each	100.00	Rupees One Hundred Only
33	6	15) 240 sq mm long barrel	Each	200.00	Rupees Two Hundred Only
34	3	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. 4) 5)160-	Each	10000.00	Rupees Ten Thousand Only
35	1	3) 60-70 amps	Each	5000.00	Rupees Five Thousand Only
36	6	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required confirming IEC 60898. 6) 40-63 Amps TPN	Each	1500.00	Rupees One Thousand and Five Hundred Only
37	8	3) 5-32Amps DP	Each	400.00	Rupees Four Hundred Only
38	30	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps.On wall / ceiling / Rafter / Girders	Each	130.00	Rupees One Hundred and Thirty Only
39	8.00	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Each	250.00	Rupees Two Hundred and Fifty Only
40	6.00	Fixing of ..... Amps TPST / change over switch / Contactor along with neutral link with screws, bolts, nuts and wiring using required capacity wires and circuit labeling.00A to 250A TPST	Each	500.00	Rupees Five Hundred Only
41	6.00	Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.1200MM	Each	600.00	Rupees six Hundred Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'

Contractor

EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone

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